

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|---|------------------|---------|------------------|
| L1 | 92468 | effluent | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/04/18 20:45 |
| L2 | 360211 | polymerization polymerizing | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/04/18 20:45 |
| L3 | 301150 | flash flashing flashed | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/04/18 20:45 |
| L4 | 557421 | condensing condense condenser condensed | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/04/18 20:46 |
| L5 | 2154 | 1 with 3 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/04/18 20:46 |
| L6 | 1340 | 1 with 2 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/04/18 20:46 |
| L7 | 129 | 3 with 6 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/04/18 20:46 |
| L8 | 17 | 4 with 7 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/04/18 21:04 |
| L9 | 19 | (US-20030161765-\$ or US-20020173598-\$ or US-20020111441-\$).did. or (US-3869807-\$ or US-5183866-\$ or US-5533437-\$ or US-5675052-\$ or US-6045661-\$ or US-6204344-\$ or US-6319997-\$ or US-6420497-\$ or US-6559247-\$ or US-6656868-\$ or US-6706857-\$ or US-6833415-\$ or US-5597892-\$ or US-5575979-\$ or US-4436901-\$ or US-4424341-\$). did. | US-PGPUB; USPAT | OR | OFF | 2005/04/18 20:54 |
| L10 | 129507 | recycle recycled recycling | USPAT | OR | OFF | 2005/04/18 20:57 |
| L11 | 14 | 9 and 10 | USPAT | OR | OFF | 2005/04/18 20:54 |

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|-----|--------|---|---|----|-----|------------------|
| L12 | 3 | 8 with 10 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/04/18 20:55 |
| L13 | 169491 | weight adj percent | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/04/18 20:57 |
| L14 | 297248 | recycle recycled recycling recovered | USPAT | OR | OFF | 2005/04/18 20:57 |
| L15 | 1975 | 13 with 14 | USPAT | OR | OFF | 2005/04/18 20:57 |
| L16 | 2 | 8 and 15 | USPAT | OR | OFF | 2005/04/18 20:58 |
| L17 | 2 | (("6818186") or ("6838531")).PN. | USPAT | OR | OFF | 2005/04/18 21:04 |
| L18 | 0 | 17 and 15 | USPAT | OR | OFF | 2005/04/18 20:59 |
| L19 | 65714 | purge | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/04/18 21:20 |
| L20 | 8 | 8 and 19 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/04/18 21:04 |
| L21 | 133894 | purge purging purged | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/04/18 21:20 |
| L22 | 667183 | dryer drying | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/04/18 21:20 |
| L23 | 2481 | 21 with 22 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/04/18 21:20 |
| L24 | 606 | 2 and 23 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/04/18 21:20 |
| L25 | 40 | 2 with 23 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/04/18 21:20 |
| S1 | 696270 | gas | USPAT | OR | OFF | 2004/08/19 15:21 |
| S2 | 42 | (polymerization polymerizer polymerizing) and (purge adj column) | USPAT | OR | OFF | 2004/08/19 15:21 |
| S3 | 91 | (purge adj column) | USPAT | OR | OFF | 2004/08/19 15:21 |
| S4 | 27 | S1 with S3 | USPAT | OR | OFF | 2004/08/19 15:21 |
| S5 | 6 | S2 and S4 | USPAT | OR | OFF | 2004/08/19 15:23 |

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|-----|--------|---|-----------------|----|-----|------------------|
| S6 | 38894 | purge | USPAT | OR | OFF | 2004/08/19 15:23 |
| S7 | 8735 | S1 near2 S6 | USPAT | OR | OFF | 2004/08/19 15:23 |
| S8 | 104281 | recycle recycled | USPAT | OR | OFF | 2004/08/19 15:23 |
| S9 | 420 | S7 with S8 | USPAT | OR | OFF | 2004/08/19 15:23 |
| S10 | 167759 | polymerization polymerizer polymerizing | USPAT | OR | OFF | 2004/08/19 15:23 |
| S11 | 51 | S9 and S10 | USPAT | OR | OFF | 2004/08/19 16:01 |
| S12 | 1 | ("6204344").PN. | USPAT; USOCR | OR | OFF | 2004/08/19 16:09 |
| S13 | 56392 | extruder | USPAT | OR | OFF | 2004/08/19 16:09 |
| S14 | 8 | S13 with S7 | USPAT | OR | OFF | 2004/08/19 16:10 |
| S15 | 6 | S10 and S14 | USPAT | OR | OFF | 2004/08/19 18:03 |
| S16 | 1 | ("3869807").PN. | USPAT; USOCR | OR | OFF | 2004/08/19 17:39 |
| S17 | 32914 | fractionation fractionating | USPAT | OR | OFF | 2004/08/19 18:03 |
| S18 | 245637 | catalyst | USPAT | OR | OFF | 2004/08/19 18:03 |
| S19 | 547647 | preparation | USPAT | OR | OFF | 2004/08/19 18:03 |
| S20 | 18456 | S18 near3 S19 | USPAT | OR | OFF | 2004/08/19 18:03 |
| S21 | 105 | S17 with "63" | USPAT | OR | OFF | 2004/08/19 18:04 |
| S22 | 12 | S10 and S21 | USPAT | OR | OFF | 2004/08/19 18:03 |
| S23 | 2 | S17 with S20 | USPAT | OR | OFF | 2004/08/19 18:04 |
| S24 | 8 | US-5455314-\$.DID. OR US-5565174-\$.DID. OR US-5624877-\$.DID. OR US-5648439-\$.DID. OR US-6045661-\$.DID. OR US-6262191-\$.DID. OR US-6420497-\$.DID. OR US-6559247-\$.DID. | USPAT | OR | OFF | 2005/04/18 20:45 |
| S25 | 167759 | polymerization polymerizer polymerizing | USPAT | OR | OFF | 2004/08/19 15:23 |
| S26 | 123733 | flash | USPAT | OR | OFF | 2004/08/18 19:16 |
| S27 | 38894 | purge | USPAT | OR | OFF | 2004/08/19 14:22 |
| S28 | 56392 | extruder | USPAT | OR | OFF | 2004/08/18 19:16 |
| S29 | 672 | (polymerization polymerizer polymerizing) and flash and purge | USPAT | OR | OFF | 2004/08/18 19:16 |
| S30 | 101 | extruder and ((polymerization polymerizer polymerizing) and flash and purge) | USPAT | OR | OFF | 2004/08/18 19:16 |
| S31 | 110822 | condenser | USPAT | OR | OFF | 2004/08/18 19:16 |
| S32 | 46 | (extruder and ((polymerization polymerizer polymerizing) and flash and purge)) and condenser | USPAT | OR | OFF | 2004/08/18 19:19 |

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|-----|--------|---|-----------------|----|-----|------------------|
| S33 | 44930 | recycle | USPAT | OR | OFF | 2004/08/18 19:16 |
| S34 | 34 | ((extruder and ((polymerization polymerizer polymerizing) and flash and purge)) and condenser) and recycle | USPAT | OR | OFF | 2004/08/18 19:16 |
| S35 | 305 | ((polymerization polymerizer polymerizing) and flash and purge) and condenser | USPAT | OR | OFF | 2004/08/18 19:20 |
| S36 | 110 | recycle and (((polymerization polymerizer polymerizing) and flash and purge) and condenser) | USPAT | OR | OFF | 2004/08/18 19:20 |
| S37 | 76 | (recycle and (((polymerization polymerizer polymerizing) and flash and purge) and condenser)) not (((extruder and ((polymerization polymerizer polymerizing) and flash and purge)) and condenser) and recycle) | USPAT | OR | OFF | 2004/08/18 19:20 |
| S38 | 66745 | olefin | USPAT | OR | OFF | 2004/08/18 19:20 |
| S39 | 36 | ((recycle and (((polymerization polymerizer polymerizing) and flash and purge) and condenser)) not (((extruder and ((polymerization polymerizer polymerizing) and flash and purge)) and condenser) and recycle)) and olefin | USPAT | OR | OFF | 2004/08/18 19:42 |
| S40 | 393541 | column | USPAT | OR | OFF | 2004/08/18 19:42 |
| S41 | 283 | purge near2 column | USPAT | OR | OFF | 2004/08/18 19:42 |
| S42 | 70 | (polymerization polymerizer polymerizing) and (purge near2 column) | USPAT | OR | OFF | 2004/08/18 19:42 |
| S43 | 34 | flash and ((polymerization polymerizer polymerizing) and (purge near2 column)) | USPAT | OR | OFF | 2004/08/18 19:42 |
| S44 | 12 | condenser and (flash and ((polymerization polymerizer polymerizing) and (purge near2 column))) | USPAT | OR | OFF | 2004/08/18 19:42 |
| S45 | 1 | ("6045661").PN. | USPAT; USOCR | OR | OFF | 2004/08/19 14:18 |
| S46 | 167759 | polymerization polymerizer polymerizing | USPAT | OR | OFF | 2004/08/19 14:22 |
| S47 | 38894 | purge | USPAT | OR | OFF | 2004/08/19 14:23 |
| S48 | 393541 | column | USPAT | OR | OFF | 2004/08/19 14:23 |
| S49 | 91 | purge adj column | USPAT | OR | OFF | 2004/08/19 14:23 |
| S50 | 44930 | recycle | USPAT | OR | OFF | 2004/08/19 14:23 |
| S51 | 1 | (purge adj column) with recycle | USPAT | OR | OFF | 2004/08/19 15:21 |

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| S52 | 42 | (polymerization polymerizer polymerizing) and (purge adj column) | USPAT | OR | OFF | 2004/08/19 15:21 |
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